Inpection Tips

A short photo tour of frequent safety inspection findings

From the 445th Safety Office, WPAFB, OH

Wires Crossed?

- Electrical outlet testers are used to check that outlets are properly wired.
- In this photo, two different types of testers indicate that the hot and neutral wires in the outlet are reversed wired.
- All outlets should be tested at least once.

Damaged Outlets

- Damaged electrical wall outlets and fixtures should be repaired ASAP.
- Damage such as this can cause loose wires which can lead to possible electrocution and/or fire hazards.

Inoperable Safety Devices

- This photo shows the lower corner of a closed, overhead, powered, roll-up door.
- It is equipped with a rubber pneumatic anti-crush strip along the underside of the door.
- The rubber parts and hoses have deteriorated and the anti-crush device does not work.
- Check for operation of such strips.

Are you shocked?

- Electrical junction and circuit boxes should always have the front panel/cover installed.
- In this case, electricians failed to replace the front panel after performing maintenance.

No longer an exit

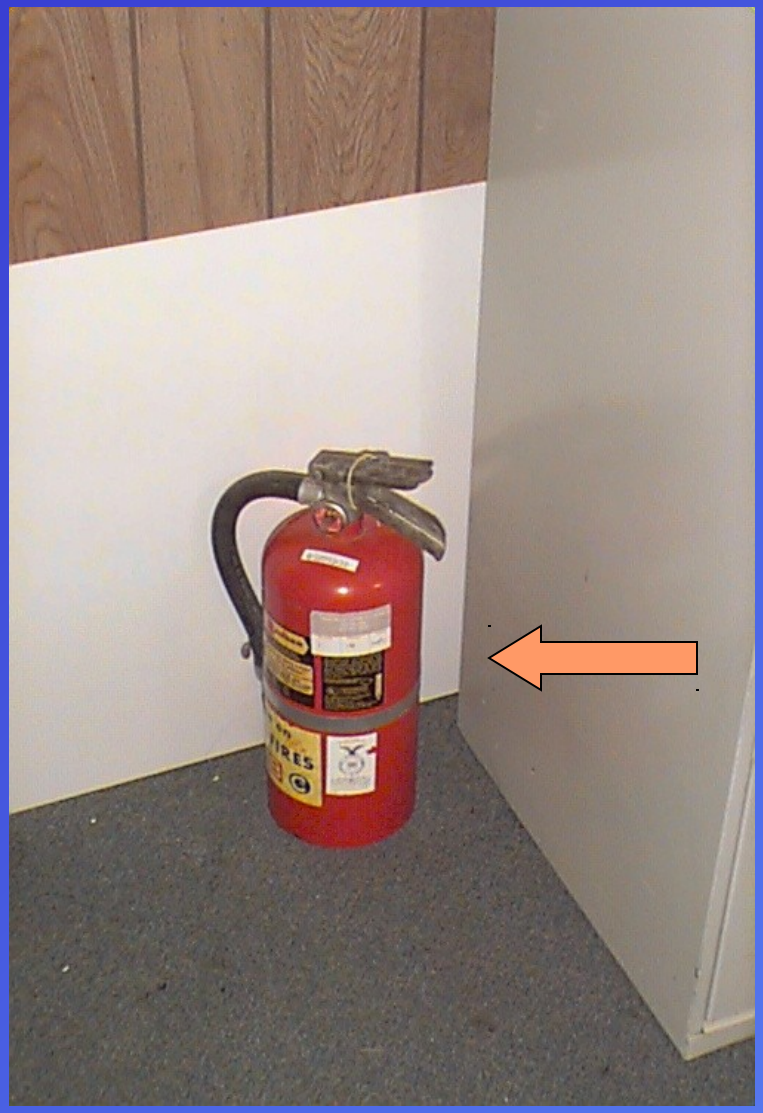
- Signs that identify exits are required to be illuminated internally or have a light source projected onto the sign.
- In this case, this door is no longer a true exit to the outside of the building since remodeling.
- The old sign should have been removed.

Inspections not documented

- Air Force regulations require monthly fire extinguisher inspections and they must be recorded.

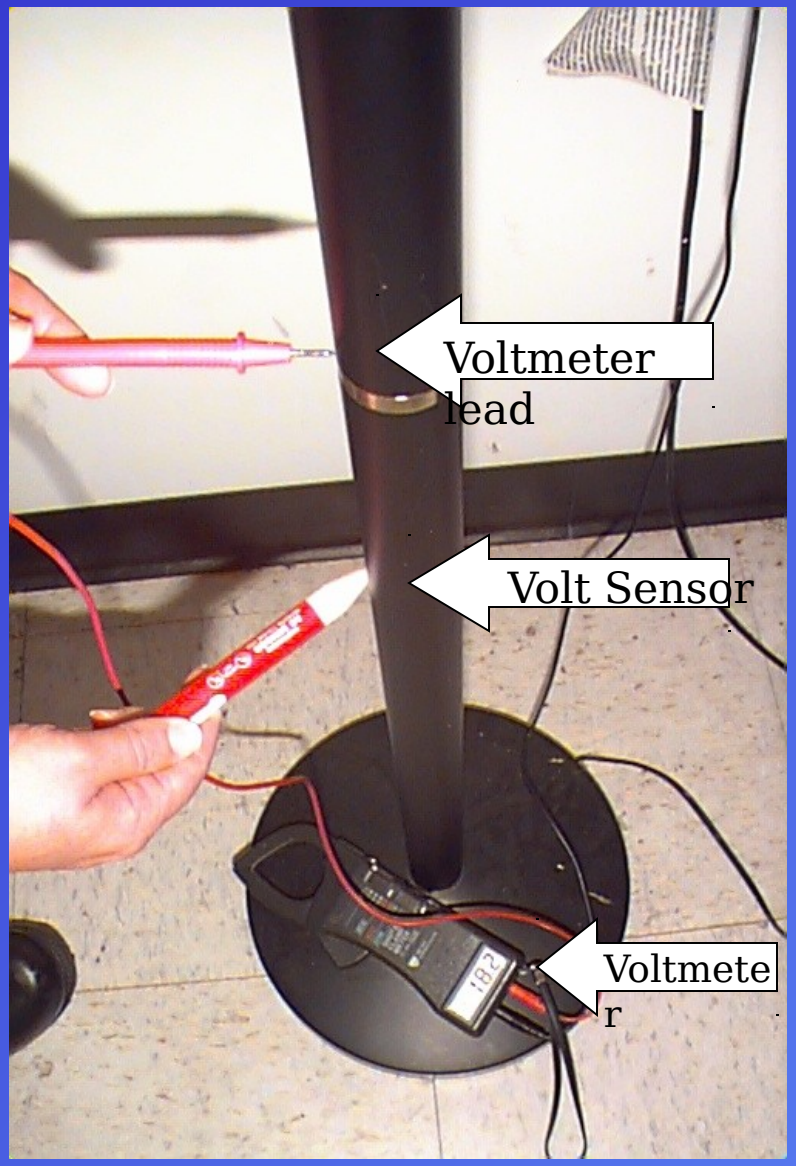
- This tag only has day and month annotations. No name, status, or year of inspection is recorded.

Door Stop?



- OSHA and Fire Codes require that fire extinguishers be mounted on walls or placed on special floor mounts.
- Extinguishers are pressurized containers and require protected storage and a place for easy access.

Hot or Not?



- This pedestal lamp had an internal short and was energized even when turned off.
- Testing with a voltmeter (on the pedestal base) and voltmeter lead placed on the surface, indicated that 18.2 volts were on the entire surface of the lamp.
- The voltage sensor in this photo (which glows at the tip when voltage is detected) identifies items that are energized with electrical voltage.

Damaged electrical equipment

- Another example of a damaged electrical wall component.
- This push-button switch was torn off it's original mount and the switch assembly was hanging by energized wires.
- The red voltage sensor is touching one of the wires and is lit at the tip indicating that power is still applied.

- Only trained personnel should use electrical test equipment.

No easy way in or out

- An office door knob and lock assembly were removed from a door.
- Office personnel tied a string to the door to aid in pulling the door open.
- A work order was submitted to have proper hardware installed.

Don't let it grow on you

- In this photo, mold has developed along the bottom of a hallway wall.
- The presence of such mold growth indicates that something is wrong!
- Not only should facility maintenance be notified, but also an environmental analysis of the mold and the cause for the growth.